

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: S. Yanagi Attorney Docket No.: NAII118875

Application No.: 10/088,781 Group Art Unit: 3725

Filed: July 25, 2002 Examiner: M. Rosenbaum

Title: PARTICULATE MATTER VIBRO-FLUIDIZING APPARATUS

### SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Seattle, Washington 98101

November 10, 2004

#### TO THE COMMISSIONER FOR PATENTS:

TECHNOLOGY CENTER 3700 Applicant is aware of the information listed in the attached form that may be material to the prosecution of the above-identified patent application.

- Copies of the listed publications are enclosed for the Examiner's use. 1. X
- Concise explanations of the relevance of documents Cite Nos. F1 F4 (which are 2. X not in the English language), as presently understood by the individual designated under 37 C.F.R. § 1.56(c) most knowledgeable about their content, follow:

F1 and F2 relate to a vibro-mixing apparatus for material. Balls 17, 20 in the publications move together with the material inside the chamber. The publications fail to disclose circulation in the particulate matter layer by applying vibrations thereto where the particulate matter repeatedly appears at the surface of the particulate matter layer from the bottom of the container.

F3 relates to a crushing apparatus. This publication does not disclose amplifying means of amended claim 22.

F4 relates to a mixing apparatus for particles. This publication does not disclose amplifying means of amended claim 22.

Pursuant to 37 C.F.R. § 1.97(c), this Information Disclosure Statement is being 3. filed after the period set forth in 37 C.F.R. § 1.97(b) but before the mailing date of a final action under 37 C.F.R. § 1.113, a Notice of Allowance under 37 C.F.R. § 1.311, or an action that otherwise closes prosecution, and is accompanied by the submission fee set forth in 37 C.F.R. § 1.17(p). Check No. 159338 includes the amount due of \$180.00.

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4. X The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §§ 1.16, 1.17 and 1.18 which may be required during the entire pendency of the application, or credit any overpayment, to Deposit Account No. 03-1740. This authorization also hereby includes a request for any extensions of time of the appropriate length required upon the filing of any reply during the entire prosecution of this application. A copy of this document is enclosed.

Respectfully submitted,

CHRISTENSEN O'CONNOR JOHNSON KINDNESSPLLC

Jerald E. Nagae

Direct Dial No. 206.695.1705

I hereby certify that this correspondence is being deposited with the U.S. Postal Service in a sealed envelope as first class mail with postage thereon fully prepaid and addressed to Mail Stop Letition, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the below date.

Date:

November 10, 2004

JEN:hjd

# FORMATION CITED BY APPLICANT THAT MAY BE MATERIAL TO THE PROSECUTION OF THE SUBJECT APPLICATION

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# U.S. PATENT DOCUMENTS

\*Examiner Cite

Kind

Date

Initials No. Document No.

Code

(mm/dd/yyyy)

Name

None

### FOREIGN PATENT DOCUMENTS

*Examiner Initial	Cite No.	Document No.	Kind Code	Publication Date (mm/dd/yyyy)	Country	 Franslation Provided
	F1	S55-76033		05/26/1980	Japan	
	F2	S55-171334		12/09/1980	Japan	
	F3	S62-39839		03/10/1987	Japan	
	F4	H04-45535		04/17/1992	Japan	

## **OTHER INFORMATION**

(Including Author, Title, Date, Pertinent Pages, Etc.)

*Examiner	Cite
Initial	No.

None

Examiner

**Date Considered** 

\*Examiner: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

JEN:hjd

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